



SUMISANSUI - SUMI RAIN



A high quality and durable irrigation system that sprays water in a rectangular pattern instead of circles like traditional sprinklers. It helps to promote even crop growth and reduce plant stress with a lightweight and easy to install design. Ideal for vegetables, flowers, and row crops, the Sumi Rain is a heavy duty option for larger areas and turf establishment/maintenance.

Made in Japan and trusted by farmers worldwide.

Medium Pressure and Medium/High Flow Requirements



Sumi Rain Specs:

- Operating Pressure | **22 psi to 36 psi MAX**
- Flow Rate | **0.085-0.109 Gallon/Minute/Foot**
- Tube Length | **25 to 328 ft** - two tubes can be connected for extra length
- Spray Width | **42 ft to 52 ft** - adjustable based on pressure
- Wide Spray Angle - increases resistance to wind drift
- Laser cut holes ensure uniformity
- Easily integrates with 2 inch irrigation systems
- Mobile system can easily be moved around the field and farm

Why Farmers Choose Sumisansui

Efficiency: No dry spots or overlapping wet areas as with circular sprinklers

Good Fit: Rectangular coverage area matches the layout of most farms and gardens

Low Pressure/Low Flow: Integrates well with any irrigation system including drip tape

Winder + Bobbin: Allows user to quickly deploy and move the irrigation system

Gentle Rain: Fine spray of water won't wash away seeds, crust soil, or damage plants

Effective: Soft enough that water soaks in properly instead of running off

Durability: Tubes are made from heavy duty polyethylene and will last many seasons

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Perfect for Different Types of Growing

- Gentle spray won't wash out tiny seeds like carrots or lettuce
- Even moisture helps improve germination
- Keep seeds moist during critical growth stages
- Reduce plant losses from drying out
- Easy to move between different areas
- No permanent pipes to work around
- Keep compost windrows at the proper moisture level

Sumi Rain	Max	Mid	Min	Units
Operating Pressure	36.2595	29.0076	21.7557	psi
Coverage Width	52.49344	49.2126	42.65092	ft
Recommended Tube Interval	41.994752	39.37008	34.120736	ft
Average Precipitation Rate	0.24803	0.23622	0.23622	in/hr
Average Flow Rate	0.10871	0.09744	0.08455	gpm/ft
Flow Rate at 65 feet	0.10952	0.09744	0.08455	gpm/ft
Flow Rate at 131 feet	0.10952	0.09744	0.08455	gpm/ft
Flow Rate at 196 feet	0.10952	0.09824	0.08455	gpm/ft
Flow Rate at 262 feet	0.10952	0.09744	0.08455	gpm/ft
Flow Rate at 328 feet	0.10952	0.09744	0.08455	gpm/ft
Flow Rate at 394 feet	0.10871	0.09744	0.08455	gpm/ft
Flow Rate at 460 feet	0.10871	0.09744	0.08375	gpm/ft
Flow Rate at 525 feet	0.10791	0.09663	0.08375	gpm/ft
Flow Rate at 590 feet	0.10791	0.09583	0.08294	gpm/ft
Flow Rate at 656 feet	0.1071	0.09583	0.08294	gpm/ft

Sumi Rain - Flow Volume				
Tube Length	36 psi	29 psi	22 psi	Units
65.6 ft	7.18442	6.39202	5.5468	GPM
131.2 ft	14.36884	12.78404	11.09359	GPM
196.8 ft	21.55326	19.33455	16.64039	GPM
262.4 ft	28.73769	25.56809	22.18718	GPM
328 ft	35.92211	31.96011	27.73398	GPM
393.6 ft	42.78957	38.35213	33.28078	GPM
459.2 ft	49.92117	44.74416	38.45779	GPM
524.8 ft	56.63015	50.71356	43.95176	GPM
590.4 ft	63.70892	56.57732	48.97029	GPM
656 ft	70.25942	62.86369	54.41143	GPM

